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Application No. 10/674,214
Amendment dated June 26, 2007
Reply to Office Action of April 6, 2007

Docket No.: 013436.0277PTUS
(Bennett 1-2)

REMARKS

Claims 1 – 8 are pending in this application. Claims 1 and 5 have been amended to correct a typographical error; i.e., a period was added to the end of each claim. In addition, claims 1, 3 – 5, 7, and 8 have been amended to more precisely define the invention.

In a Non-Final Office Action mailed 06 April 2007, the Examiner rejected claims 1 – 8 under 35 USC 102(b) as being anticipated by U.S. Patent No. 6,449,272B1, issued to Chuah, noting with respect thereto:

As to claim 1, Chuah discloses a Direct Internet Access system for providing a subscriber with virtual dial-up access to corporate gateway from a mobile subscriber station, comprising:

means for establishing a call connection between a mobile switching center and a mobile subscriber station (col. 1, line 55 - col. 2, line 12 and Fig. 2, col. 3, line 66 - col. 4, line 67);

network server means, located in said mobile switching center, for establishing a data session with a destination network interface (col. 1, line 55 - col. 2, line 12 and Fig. 2, col. 3, line 66 - col. 4, line 67); and

means for establishing a tunnel with said destination network interface (col. 1, line 55 - col. 2, line 12 and Fig. 2, col. 3, line 66 - col. 4, line 67).

The Chuah Patent virtual dial-up service is provided via multiple Internet Service Providers (ISPs). In particular, a remote user accesses the virtual dial-up service by establishing a connection to a local serving ISP. The Serving ISP establishes a first tunnel to an anchor ISP. The anchor ISP then establishes a tunnel to a private intranet. As a result, a virtual private network (VPN) service is provided that enables remote access, via multiple tunnels, to a private network. Thus, the Chuah Patent teaches use of an anchor ISP which functions as a VPN gateway to which all calls are routed.

In contrast, Applicants' Direct Internet Access system provides local access to the Internet, absent use of an anchor ISP, thereby simplifying the call routing. In particular, Applicants' Direct Internet Access system makes use of an L2TP/UDP/IP connection to the Internet via an L2TP Network Server and the existing Local Area Network or Wide Area Network of the cellular communication network. This system uses a Layer 2 Tunneling Protocol which provides a virtual dial-up access to corporate gateways by extending the dial-up connection that is established between the

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mobile subscriber station and the Mobile Switching Center to the corporate gateway over the Internet. The Layer 2 Tunneling Protocol uses packet-switched network connections to make it possible for the endpoints to be located on different machines. The user has an L2 connection to an access concentrator in the Interworking Function of the Mobile Switching Center, which then tunnels individual Point-to-Point Protocol frames to the L2TP Network Server, so that the packets can be processed separately from the location of the circuit termination. This means that the mobile subscriber station call connection can terminate at a local circuit concentrator in the Mobile Switching Center, eliminating possible long-distance charges, among other benefits.

Applicants have amended independent claims 1 and 5 to more particularly recite this structure and thereby distinguish Applicants' invention from the cited Chuah Patent. Therefore, Applicants believe that independent claims 1 and 5 are allowable under 35 USC 102(b) over the cited Chuah Patent. Applicants also believe that dependent claims 2 - 4 and 6 - 8 are allowable under 35 USC 102(b) over the cited Chuah Patent, since these claims depend on allowable base claims.

In view of the above amendments and remarks, Applicants believe the pending application is in condition for allowance. Applicants believe no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 50-1848, under Order No. 013436.0277PTUS from which the undersigned is authorized to draw.

Respectfully submitted,
PATTON BOGGS LLP

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